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Part Number: [0877342001](#)
Status: **Active**
Overview: EXTreme PowerPlus™ (SSI)
Description: 6.35mm Pitch, Power, 2.54mm Pitch, Signal, EXTreme PowerPlus™ AC/DC Receptacle, P(A)DC-S-P(B)AC, Through Hole, Vertical, 0.76µm Gold (Au) Selective Plating, 23 Circuits, Recessed Power Pins at all locations except B1, with Beveled Me

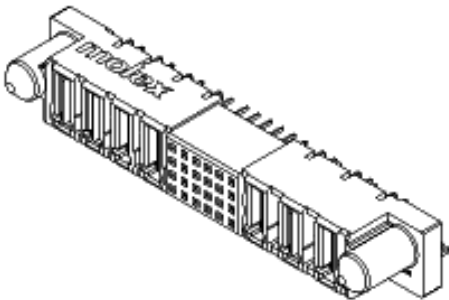
Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-87663-006-001 \(PDF\)](#)
[Application Specification AS-87631-018-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification	
CSA	LR19980
General	
Product Family	PCB Receptacles
Series	87734
Application	Board-to-Board, Power
Comments	Recessed Power Circuit Positions: All except B1
Overview	EXTreme PowerPlus™ (SSI)
Product Name	EXTreme PowerPlus™
UPC	800756717739

Physical	
(p)ower-(s)ignal Configuration	3p - 12s - 8p
Circuits (Loaded)	23
Circuits (maximum)	23
Color - Resin	Black
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Lock to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	14.022/g
Number of Rows	4
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Tray
Pitch - Mating Interface	2.54mm, 6.35mm, 7.62mm
Pitch - Termination Interface	2.54mm, 3.18mm, 3.81mm, 5.08mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-20°C to +105°C
Termination Interface: Style	Through Hole

Electrical	
Current - Maximum per Contact	2.5A, 30.0A, 50.0A
Voltage - Maximum	250V (RMS)

Solder Process Data



Series image - Reference only

EU ELV Not Relevant	
EU RoHS Compliant REACH SVHC Not Contained Per - ED/21/2016 (20 June 2016) Halogen-Free Status Low-Halogen Need more information on product environmental compliance? Email productcompliance@molex.com Please visit the Contact Us section for any non-product compliance questions.	China RoHS China ROHS ELV RoHS Phthalates
Green Image Not Relevant Not Contained	

Search Parts in this Series
[87734](#) Series

Mates With
[87663](#) PCB Header

Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	AS-87631-018-001
Product Specification	PS-87663-006-001
Sales Drawing	SD-87734-020

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